

# **EXPANDABLE CARDIAC HARNESS FOR TREATING CONGESTIVE HEART FAILURE**

## **Abstract of the Disclosure**

5 A cardiac harness for treating congestive heart failure is disclosed. The harness  
applies elastic, compressive reinforcement on the left ventricle to reduce deleterious  
wall tension and to resist shape change of the ventricle during the mechanical cardiac  
cycle. Rather than imposing a dimension beyond which the heart cannot expand, the  
harness provides no hard limit over the range of diastolic expansion of the ventricle.  
10 Instead, the harness follows the contour of the heart throughout diastole and  
continuously exerts gentle resistance to stretch. Also disclosed is a method of  
delivering the cardiac harness to the heart minimally invasively.

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